

EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
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EEE	DDD	TTT
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EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT


```
0001 0 %TITLE 'EDT$CHMDELLIN - delete lines'
0002 0 MODULE EDT$CHMDELLIN (
0003 0 IDENT = 'V04-000'
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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0026 1 *
0027 1 *****
0028 1
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 This module deletes lines of text (change mode).
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: Unknown
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 04-Feb-1981. This routine was created by
0045 1 extracting the routine DELETE_LINES from module CHANGE.BLI.
0046 1 1-002 - Regularize headers. JBS 25-Feb-1981
0047 1 1-003 - Fix module name. JBS 03-Mar-1981
0048 1 1-004 - Use the ASSERT macro. JBS 01-Jun-1981
0049 1 1-005 - EDT$SEL_RNGPOS has 3 values. JBS 02-Jun-1981
0050 1 1-006 - Put in a check for control C so the 'working' message will flash
0051 1 during a long CUT command. JBS 13-Jan-1982
0052 1 1-007 - New screen update logic. JBS 13-Sep-1982
0053 1 1-008 - Remove the unused reference to EDT$MRK_LNCHG. JBS 27-Dec-1982
0054 1 1-009 - Add a parameter to EDT$COMB_LN. JBS 28-Dec-1982
0055 1
0056 1
```

EDT\$CHMDELLIN
V04-000

EDT\$CHMDELLIN - delete lines
Declarations

I 15
15-Sep-1984 23:49:36
14-Sep-1984 12:22:25

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[EDT.SRC]CHMDELLIN.BLI;1

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```
: 58      0057 1 XSBTTL 'Declarations'
: 59      0058 1
: 60      0059 1 : TABLE OF CONTENTS:
: 61      0060 1 :
: 62      0061 1
: 63      0062 1 REQUIRE 'EDTSRC:TRAROUNAM';
: 64      0501 1
: 65      0502 1 FORWARD ROUTINE
: 66      0503 1     EDT$DEL_TXTLN : NOVALUE;
: 67      0504 1
: 68      0505 1 :
: 69      0506 1 : INCLUDE FILES:
: 70      0507 1 :
: 71      0508 1
: 72      0509 1 REQUIRE 'EDTSRC:EDTREQ';
: 73      0644 1
: 74      0645 1 :
: 75      0646 1 : MACROS:
: 76      0647 1
: 77      0648 1 :     NONE
: 78      0649 1 :
: 79      0650 1 : EQUATED SYMBOLS:
: 80      0651 1
: 81      0652 1 :     NONE
: 82      0653 1 :
: 83      0654 1 : OWN STORAGE:
: 84      0655 1
: 85      0656 1 :     NONE
: 86      0657 1 :
: 87      0658 1 : EXTERNAL REFERENCES:
: 88      0659 1
: 89      0660 1 :     In the routine
```

! Delete whole lines of text

```

: 91      0661 1 %SBTTL 'EDT$$DEL_TXTLN - delete lines'
: 92      0662 1
: 93      0663 1 GLOBAL ROUTINE EDT$$DEL_TXTLN (
: 94      0664 1     NUM_LINES,
: 95      0665 1     END_POS
: 96      0666 1     ) : NOVALUE =
: 97      0667 1
: 98      0668 1 ++
: 99      0669 1 FUNCTIONAL DESCRIPTION:
100      0670 1
101      0671 1     This routine deletes text on NUM_LINES lines starting on the
102      0672 1     current line at EDT$$A_LN_PTR and going to the END_POS
103      0673 1     on the last line.
104      0674 1
105      0675 1 FORMAL PARAMETERS:
106      0676 1
107      0677 1     NUM_LINES           Number of lines to delete
108      0678 1
109      0679 1     END_POS             Place to stop on last line
110      0680 1
111      0681 1 IMPLICIT INPUTS:
112      0682 1
113      0683 1     EDT$$A_LN_PTR
114      0684 1     EDT$$L_SEC_LN
115      0685 1     EDT$$T_LN_BUF
116      0686 1     EDT$$A_LN_END
117      0687 1     EDT$$G_LN_LEN
118      0688 1     EDT$$L_LN00
119      0689 1
120      0690 1 IMPLICIT OUTPUTS:
121      0691 1
122      0692 1     NONE
123      0693 1
124      0694 1 ROUTINE VALUE:
125      0695 1
126      0696 1     NONE
127      0697 1
128      0698 1 SIDE EFFECTS:
129      0699 1
130      0700 1     NONE
131      0701 1
132      0702 1 --
133      0703 1
134      0704 2 BEGIN
135      0705 2
136      0706 2 EXTERNAL ROUTINE
137      0707 2     EDT$$DEL_CHS : NOVALUE,
138      0708 2     EDT$$COMB_LN : NOVALUE,
139      0709 2     EDT$$CS_DWN,
140      0710 2     EDT$$GET_TXTLN,
141      0711 2     EDT$$SAV_LN : NOVALUE,
142      0712 2     EDT$$SC_DELLN,
143      0713 2     EDT$$DEC_CURLN,
144      0714 2     EDT$$CHK_CC;
145      0715 2
146      0716 2 EXTERNAL
147      0717 2     EDT$$T_LN_BUF,

```

! Delete lines
! Number of lines to delete
! Place to stop

! Delete part of the current line
! Combine the current line with the one immediately above it
! Move down a line
! Get current line in line buffer
! Save a line in the auxiliary buffer
! Delete lines from screen
! Delete a line from buffer
! Check for a control C

! Current line buffer

EDT\$CHMDELLIN
V04-000

EDT\$CHMDELLIN - delete lines
EDT\$\$DEL_TXTLN - delete lines

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[EDT.SRC]CHMDELLIN.BLI;1

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```

148 0718 2      EDT$$A_LN_END,      ! End of current line pointer
149 0719 2      EDT$$G_LN_LEN,      ! Length of current line
150 0720 2      EDT$$A_LN_PTR;      ! Current character pointer
151 0721 2
152 0722 2      LOCAL
153 0723 2      LC;
154 0724 2
155 0725 2      !+
156 0726 2      ! Handle the first line.
157 0727 2      !-
158 0728 2      LC = .EDT$$A_LN_END;
159 0729 2
160 0730 2      IF (.NUM_LINES EQL 1) THEN LC = .END_POS;
161 0731 2
162 0732 2      EDT$$DEL_CHS (.EDT$$A_LN_PTR, .LC);
163 0733 2      !+
164 0734 2      ! Now, if there are more, loop though the middle ones.
165 0735 2      !-
166 0736 2
167 0737 2      IF (.NUM_LINES GTR 1)
168 0738 2      THEN
169 0739 2      BEGIN
170 0740 2      EDT$$CS_DWN ();
171 0741 2
172 0742 2      INCR I FROM 3 TO .NUM_LINES DO
173 0743 2      BEGIN
174 0744 2      !+
175 0745 2      ! We check for a control C here, not because we wish to terminate
176 0746 2      ! the process if a control C is typed but only to make sure the
177 0747 2      ! 'working' message flashes during a long CUT command.
178 0748 2      !-
179 0749 2      EDT$$CHK_CC ();
180 0750 2      !+
181 0751 2      ! Delete the entire line.
182 0752 2      !-
183 0753 2      EDT$$SAV_LN (EDT$$T_LN_BUF, .EDT$$G_LN_LEN);
184 0754 2      EDT$$DEL_CURLN ();
185 0755 2      EDT$$GET_TXTLN ();
186 0756 2      END;
187 0757 2
188 0758 2      !+
189 0759 2      ! Handle the last line.
190 0760 2      !-
191 0761 2      EDT$$DEL_CHS (.EDT$$A_LN_PTR, .END_POS);
192 0762 2      !+
193 0763 2      ! And combine the various fragments.
194 0764 2      !-
195 0765 2      EDT$$COMB_LN (1);
196 0766 2      END;
197 0767 2
198 0768 1      END;
```

! of routine EDT\$\$DEL_TXTLN

.TITLE EDT\$CHMDELLIN EDT\$CHMDELLIN - delete lines
.IDENT \V04-000\

.EXTRN EDT\$\$DEL_CHS, EDT\$\$COMB_LN

EDT\$CHMDELLIN - delete lines
EDT\$SDEL_TXTLN - delete lines

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[EDT.SRC]CHMDELLIN.BLI;1

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			.EXTRN	EDT\$\$CS_DWN, EDT\$\$GET_TXTLN	
			.EXTRN	EDT\$\$SAV_LN, EDT\$\$SC_DELLN	
			.EXTRN	EDT\$\$DEL_CURLN, EDT\$\$CHK_CC	
			.EXTRN	EDT\$\$T_LN_BUF, EDT\$\$A_LN_END	
			.EXTRN	EDT\$\$G_LN_LEN, EDT\$\$A_LN_PTR	
			.PSECT	_EDT\$CODE,NOWRT, SHR, PIC,2	
		001C 00000	.ENTRY	EDT\$\$DEL_TXTLN, Save R2,R3,R4	: 0663
54	00000000G	00 9E 00002	MOVAB	EDT\$\$DEL_CHS, R4	:
53	00000000G	00 9E 00009	MOVAB	EDT\$\$A_LN_PTR, R3	:
50	00000000G	00 D0 00010	MOVL	EDT\$\$A_LN_END, LC	: 0728
01	04	AC D1 00017	CML	NUM_LINES, #1	: 0730
		04 12 0001B	BNEQ	1\$:
50	08	AC D0 0001D	MOVL	END_POS, LC	:
		50 DD 00021	PUSHL	LC	: 0732
		63 DD 00023	PUSHL	EDT\$\$A_LN_PTR	:
64		02 FB 00025	CALLS	#2, EDT\$\$DEL_CHS	:
01	04	AC D1 00028	CML	NUM_LINES, #T	: 0737
		4A 15 0002C	BLEQ	4\$:
00000000G	00	00 FB 0002E	CALLS	#0, EDT\$\$CS_DWN	: 0740
	52	02 D0 00035	MOVL	#2, I	: 0742
		28 11 00038	BRB	3\$:
00000000G	00	00 FB 0003A	CALLS	#0, EDT\$\$CHK_CC	: 0749
	00000000G	00 DD 00041	PUSHL	EDT\$\$G_LN_LEN	: 0753
	00000000G	00 9F 00047	PUSHAB	EDT\$\$T_LN_BUF	:
00000000G	00	02 FB 0004D	CALLS	#2, EDT\$\$SAV_LN	: 0754
00000000G	00	00 FB 00054	CALLS	#0, EDT\$\$DEL_CURLN	: 0755
00000000G	00	00 FB 0005B	CALLS	#0, EDT\$\$GET_TXTLN	: 0742
D3	52	04 AC F3 00062	AOBLEQ	NUM_LINES, I, 2\$: 0761
	08	AC DD 00067	PUSHL	END_POS	:
		63 DD 0006A	PUSHL	EDT\$\$A_LN_PTR	:
64		02 FB 0006C	CALLS	#2, EDT\$\$DEL_CHS	:
		01 DD 0006F	PUSHL	#1	: 0765
00000000G	00	01 FB 00071	CALLS	#1, EDT\$\$COMB_LN	: 0768
		04 00078	RET		:

```
; Routine Size: 121 bytes,    Routine Base: _EDT$CODE + 0000
```

```

: 199      0769 1
: 200      0770 1 !<BLF/PAGE>

```

EDT\$CHMDELLIN
V04-000

EDT\$CHMDELLIN - delete lines
EDT\$DEL_TXTLN - delete lines

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[EDT.SRC]CHMDELLIN.BLI;1

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: 202 0771 1 END
: 203 0772 1
: 204 0773 0 ELUDOM

! of module EDT\$CHMDELCHR

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	121	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	0	0	40	00:00.2
_\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:CHMDELLIN/OBJ=OBJ\$:CHMDELLIN MSRC\$:CHMDELLIN.BLI/UPDATE=(ENH\$:C
HMDPELLIN)

: Size: 121 code + 0 data bytes
: Run Time: 00:11.2
: Elapsed Time: 00:14.1
: Lines/CPU Min: 4137
: Lexemes/CPU-Min: 10763
: Memory Used: 69 pages
: Compilation Complete

0130 AH-BT13A-SE
VAX/VMS V4.0

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